

SEQUENCE LISTING

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<120> Composition for intracellular transport of biological particles
on macromolecules.

<130> 275010US0XPCT

<140> 10/541,594
<141> 2006-01-05

<150> PCT/FR03/03951
<151> 2003-12-31

<150> FRANCE 03/00093
<151> 2003-01-07

<160> 3

<170> PatentIn version 3.3

<210> 1
<211> 16
<212> PRT
<213> Drosophila melanogaster

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<221> MISC_FEATURE
<222> (1)..(16)
<223> Helix 3 of the pAntp homeodomain

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Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

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<223> Penetrin transduction domain motif. Xaa's at positions 1, 2, 4,
9, 15 and 16 are nonhydrophobic amino acids. Xaa's at positions
3, 7 and 14 are hydrophobic amino acids. Xaa's at positions 5,
6, 8, and 10-13 are any amino acid.

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<221> misc_feature
<222> (1)..(5)
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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Xaa | Xaa | Xaa | Xaa | Xaa | Trp | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |

<210> 3
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 <223> Penetrin transduction domain motif. Xaa's at positions 1, 2, 8, 13, 15 and 16 are nonhydrophobic amino acids. Xaa's at positions 3, 10 and 14 are hydrophobic amino acids. Xaa's at positions 4-7, 9, 11, and 12 are any amino acid.

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| Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Xaa | Trp | Xaa | Xaa | Xaa | Xaa | Xaa |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |